The Web Application Hacker's Handbook

Second Edition

Finding and Exploiting Security Flaws

Dafydd Stuttard
Marcus Pinto

The Web Application Hacker's Handbook: Finding and Exploiting Security Flaws, Second Edition

About the Authors

Dafydd Stuttard is an independent security consultant, author, and software developer. With more than 10 years of experience in security consulting, he specializes in the penetration testing of web applications and compiled software. Dafydd has worked with numerous banks, retailers, and other enterprises to help secure their web applications. He also has provided security consulting to several software manufacturers and governments to help secure their compiled software. Dafydd is an accomplished programmer in several languages. His interests include developing tools to facilitate all kinds of software security testing. Under the alias "PortSwigger," Dafydd created the popular Burp Suite of web application hacking tools; he continues to work actively on Burp's development. Dafydd is also cofounder of MDSec, a company providing training and consultancy on Internet security attack and defense. Dafydd has developed and presented training courses at various security conferences around the world, and he regularly delivers training to companies and governments. He holds master's and doctorate degrees in philosophy from the University of Oxford.

Marcus Pinto is cofounder of MDSec, developing and delivering training courses in web application security. He also performs ongoing security consultancy for financial, government, telecom, and retail verticals. His 11 years of experience in the industry have been dominated by the technical aspects of application security, from the dual perspectives of a consulting and end-user implementation role. Marcus has a background in attack-based security assessment and penetration testing. He has worked extensively with large-scale web application deployments in the financial services industry. Marcus has been developing and presenting database and web application training courses since 2005 at Black Hat and other worldwide security conferences, and for private-sector and government clients. He holds a master's degree in physics from the University of Cambridge.

About the Technical Editor

Dr. Josh Pauli received his Ph.D. in Software Engineering from North Dakota State University (NDSU) with an emphasis in secure requirements engineering and now serves as an Associate Professor of Information Security at Dakota State University (DSU). Dr. Pauli has published nearly 20 international journal and conference papers related to software security and his work includes invited presentations from the Department of Homeland Security and Black Hat Briefings. He teaches both undergraduate and graduate courses in system software security and web software security at DSU. Dr. Pauli also conducts web application penetration tests as a Senior Penetration Tester for an Information Security consulting firm where his duties include developing hands-on technical workshops in the area of web software security for IT professionals in the financial sector.

MDSec: The Authors' Company

Dafydd and Marcus are cofounders of MDSec, a company that provides training in attack and defense-based security, along with other consultancy services. If while reading this book you would like to put the concepts into practice, and gain hands-on experience in the areas covered, you are encouraged to visit our website, `http://mdsec.net`. This will give you access to hundreds of interactive vulnerability labs and other resources that are referenced throughout the book.

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